

# AGNOST-A

Automatic GNSS Quality NOTAM Station



The AGNOST-A is the first automatic GNSS Quality Notam Station to warn Aviation Pilots from ground based GNSS Jamming and Spoofing.

It implements an GNSS Jamming and Spoofing Detection System with and UAT978 FIS-B Broadcast Services according to the requirements in RTCA DO-282 and FAA-E-3006.

The AGNOST-A System monitors the GNSS Quality around the Installation Site – e.G. the Airport. If GNSS Interference is detected it will be in realtime classified as interference, Jamming or Spoofing and depending of the level of the disturbance an automatic generated NOTAM Message is transmitted via UAT978 to all the Aircrafts around the affected Area.

## Technical Data

Transmission standard:	UAT978
Data Format:	TIS-B, FIS-B
Message Type:	NOTAM
TX Frequency:	978 MHz
TX Power:	40 W
GNSS Bands:	L1, GPS, Galileo, GLONASS, BeiDou
Detection Type:	Advanced RF Analysis
Interference Detection and Classification:	Interferences, Jamming, Spoofing (Asynchronos Spoofing, High Power Spoofing, Spoofing after Start of Parameter drifting)
Operational:	24/7 Outdoor
Temp Range:	-20°C - +70°C
Form Factor:	Compact all in one System Pole Mount
Power Input:	110V - 240 V AC
Control Interface:	Webbased

